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(54) Title: NOVEL TYPE III SECRETION PATHWAY IN *AEROMONAS SALMONICIDA*, AND USES THEREFOR

(57) Abstract: Disclosed is a newly identified and characterized type III secretion system in *Aeromonas salmonicida*. The invention also encompasses the use of components of the novel secretion system in immunoprotection against *A. salmonicida* infection, as well as other diagnostic and therapeutic uses thereof.